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|                                                                                                                                                                                                                                 | Under the Paperwork Reduction Act of 199                                                             | 5, no persons are required to respect to all the | किन्द्रिया विपक्षिति विक्रिक में मिनाइस क्रिवास क्रिया कि पिनिक्रेर |  |  |  |  |  |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------|--|--|--|--|--|--|
|                                                                                                                                                                                                                                 | ANSMITTAL LETTER TO                                                                                  | ATTORNEY'S DOCKET NUMBER NL030734                |                                                                     |  |  |  |  |  |  |
| DESIGNATED/ELECTED OFFICE (DO/EO/US)                                                                                                                                                                                            |                                                                                                      |                                                  | U.S. APPLICATION NO. (If known, see 37 GFR 1.5)                     |  |  |  |  |  |  |
|                                                                                                                                                                                                                                 | CERNING A SUBMISSIO                                                                                  | 11M/KKOQZO                                       |                                                                     |  |  |  |  |  |  |
|                                                                                                                                                                                                                                 | IONAL APPLICATION NO.<br>004/050840                                                                  | INTERNATIONAL FILING DATE<br>4 June 2004         | PRIORITY DATE CLAIMED' 2 0 9 0 13 June 2003                         |  |  |  |  |  |  |
| TITLE OF INVENTION                                                                                                                                                                                                              |                                                                                                      |                                                  |                                                                     |  |  |  |  |  |  |
| SYSTEM COMPRISING ORGANIC OR METALLO-ORGANIC ENERGY AND/OR CHARGE VARIABLE MOIETIES  AND IGANICO FOR DOUTOURS IN THE HOSE PART February William MELIER Albertus Petrus Hendrikus Johannes SCHENNING Freek Johannes maria HOEBEN |                                                                                                      |                                                  |                                                                     |  |  |  |  |  |  |
| APPLICANT(S) FOR DO/EO/US Johannes Willem HOFSTRAAT, Egbert Willem MEIJER, Albertus Petrus Hendrikus Johannes SCHENNING, Freek Johannes maria HOEBEN                                                                            |                                                                                                      |                                                  |                                                                     |  |  |  |  |  |  |
| Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:                                                                                                 |                                                                                                      |                                                  |                                                                     |  |  |  |  |  |  |
| 1. This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.                                                                                                                                             |                                                                                                      |                                                  |                                                                     |  |  |  |  |  |  |
|                                                                                                                                                                                                                                 | This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.      |                                                  |                                                                     |  |  |  |  |  |  |
| 3. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.                                                            |                                                                                                      |                                                  |                                                                     |  |  |  |  |  |  |
| 4. 🔲 1                                                                                                                                                                                                                          | 4. The US has been elected (Article 31).                                                             |                                                  |                                                                     |  |  |  |  |  |  |
| 5. 🗸                                                                                                                                                                                                                            | ✓ A copy of the International Application as filed (35 U.S.C. 371(c)(2))                             |                                                  |                                                                     |  |  |  |  |  |  |
|                                                                                                                                                                                                                                 | a. is attached hereto (required only if not communicated by the International Bureau).               |                                                  |                                                                     |  |  |  |  |  |  |
|                                                                                                                                                                                                                                 | b. 🚺 has been communicated by the International Bureau.                                              |                                                  |                                                                     |  |  |  |  |  |  |
|                                                                                                                                                                                                                                 | c. is not required, as the application was filed in the United States Receiving Office (RO/US).      |                                                  |                                                                     |  |  |  |  |  |  |
| 6.                                                                                                                                                                                                                              | 6. An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).  |                                                  |                                                                     |  |  |  |  |  |  |
|                                                                                                                                                                                                                                 | a. is attached hereto.                                                                               |                                                  |                                                                     |  |  |  |  |  |  |
|                                                                                                                                                                                                                                 | b. has been previously submitted under 35 U.S.C. 154(d)(4).                                          |                                                  |                                                                     |  |  |  |  |  |  |
| 7.                                                                                                                                                                                                                              | Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) |                                                  |                                                                     |  |  |  |  |  |  |
|                                                                                                                                                                                                                                 | a. are attached hereto (requi                                                                        | red only if not communicated by the Interna      | ational Bureau).                                                    |  |  |  |  |  |  |
|                                                                                                                                                                                                                                 | b. have been communicated                                                                            | by the International Bureau.                     |                                                                     |  |  |  |  |  |  |
|                                                                                                                                                                                                                                 | c. have not been made; however, the time limit for making such amendments has NOT expired.           |                                                  |                                                                     |  |  |  |  |  |  |
|                                                                                                                                                                                                                                 | d. Analysis deep made and                                                                            | will not be made.                                |                                                                     |  |  |  |  |  |  |
| 8. 🗆                                                                                                                                                                                                                            | An English language translation of the                                                               | ne amendments to the claims under PCT A          | uticle 19 (35 U.S.C. 371(c)(3)).                                    |  |  |  |  |  |  |
| 9. 🔽                                                                                                                                                                                                                            | An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).                                     |                                                  |                                                                     |  |  |  |  |  |  |
| 10.                                                                                                                                                                                                                             | An English language translation of the Article 36 (35 U.S.C. 371(c)(5)).                             | e annexes of the International Preliminary       | Examination Report under PCT                                        |  |  |  |  |  |  |
| Items 11 to 20 below concern document(s) or information included:                                                                                                                                                               |                                                                                                      |                                                  |                                                                     |  |  |  |  |  |  |
| 11. 🗸                                                                                                                                                                                                                           | An Information Disclosure Statement                                                                  | t under 37 CFR 1.97 and 1.98.                    |                                                                     |  |  |  |  |  |  |

20. 🗸 Other items or information: This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.

A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.

A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).

A second copy of the published International Application under 35 U.S.C. 154(d)(4).

A preliminary amendment.

A substitute specification.

19.

An Application Data Sheet under 37 CFR 1.76.

A power of attorney and/or change of address letter.

Express Mail Certificate; PTO/SB/80; PTO/SB/96; Charge Authorization; Receipt Confirmation Postcard

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| U.S. APPLICATI                                                                                                                                                                                                               | U.S. APPLICATION NOTIFICATION NOTIFICATION N<br>PCT/IB2004/050840 |                               | PPLICATION NO.                                    | ATTORNEY'S DOCKET NUMBER NL030734 |                        |           |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|-------------------------------|---------------------------------------------------|-----------------------------------|------------------------|-----------|--|
| The following fees have been submitted                                                                                                                                                                                       |                                                                   |                               | CALCULATIONS                                      | PTO USE ONLY                      |                        |           |  |
| 21. 📈 Basid                                                                                                                                                                                                                  |                                                                   |                               | \$300                                             | \$ 300.00                         |                        |           |  |
| If International pr<br>PCT Article 33                                                                                                                                                                                        | ination fee<br>eliminary examina<br>(1)-(4)                       | \$ 200.00                     |                                                   |                                   |                        |           |  |
| Search fee (37 C                                                                                                                                                                                                             | nal Searching Aut<br>rch Report prepar                            | \$ 400.00                     |                                                   |                                   |                        |           |  |
|                                                                                                                                                                                                                              | TOTAL OF 21, 2                                                    | \$ 900.00                     |                                                   |                                   |                        |           |  |
| sequence lis                                                                                                                                                                                                                 | e for specification<br>ting or computer<br>250 for each addit     |                               |                                                   |                                   |                        |           |  |
| Total Sheets                                                                                                                                                                                                                 | Extra Sheets                                                      |                               | additional 50 or fraction<br>p to a whole number) | RATE                              |                        |           |  |
| - 100 =                                                                                                                                                                                                                      | /50 =                                                             |                               |                                                   | × \$250                           | \$                     |           |  |
| Surcharge of \$13<br>claimed priority d                                                                                                                                                                                      | 0.00 for furnishing ate (37 CFR 1.49                              | g the oath or decla<br>2(h)). | ration later than 30 months f                     | from the earliest                 | \$                     |           |  |
| CLAIMS                                                                                                                                                                                                                       | NUME                                                              | ER FILED                      | NUMBER EXTRA                                      | RATE                              | \$                     |           |  |
| Total claims                                                                                                                                                                                                                 | 10                                                                | - 20 =                        | 0                                                 | × \$50                            | \$ 0.00                |           |  |
| Independent clair                                                                                                                                                                                                            | ns 2                                                              | - 3 =                         | 0                                                 | × \$200                           | \$ 0.00                |           |  |
| MULTIPLE DEPI                                                                                                                                                                                                                | NDENT CLAIM(S                                                     | 6) (if applicable)            |                                                   | + \$360                           | \$                     |           |  |
|                                                                                                                                                                                                                              |                                                                   | \$ 0.00                       |                                                   |                                   |                        |           |  |
| Applicant cla                                                                                                                                                                                                                | ims small entity s                                                |                               |                                                   |                                   |                        |           |  |
|                                                                                                                                                                                                                              |                                                                   | \$ 900.00                     |                                                   |                                   |                        |           |  |
| Processing fee o                                                                                                                                                                                                             | f <b>\$130.00</b> for furni<br>ate (37 CFR 1.49                   | \$                            |                                                   |                                   |                        |           |  |
|                                                                                                                                                                                                                              |                                                                   | \$ 900.00                     |                                                   |                                   |                        |           |  |
| Fee for recording by an appropriate                                                                                                                                                                                          | the enclosed ass<br>cover sheet (37                               | \$ 40.00                      |                                                   |                                   |                        |           |  |
|                                                                                                                                                                                                                              |                                                                   |                               | TOTAL                                             | FEES ENCLOSED =                   | \$ 940.00              | ****      |  |
|                                                                                                                                                                                                                              |                                                                   |                               |                                                   |                                   | Amount to be refunded: | \$        |  |
|                                                                                                                                                                                                                              | . <u> </u>                                                        | . <u></u>                     |                                                   |                                   | Amount to be charged:  | \$ 940.00 |  |
|                                                                                                                                                                                                                              | k in the amount o                                                 | f\$                           |                                                   | ove fees is enclosed.             |                        |           |  |
| b. Please charge my Deposit Account No. 14-1270 in the amount of \$ 940.00 to cover the above fees.  A duplicate copy of this sheet is enclosed.                                                                             |                                                                   |                               |                                                   |                                   |                        |           |  |
| c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-1270 A duplicate copy of this sheet is enclosed.                           |                                                                   |                               |                                                   |                                   |                        |           |  |
| d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. |                                                                   |                               |                                                   |                                   |                        |           |  |
| NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.               |                                                                   |                               |                                                   |                                   |                        |           |  |
| SEND ALL CORRESPONDENCE TO:                                                                                                                                                                                                  |                                                                   |                               |                                                   |                                   |                        |           |  |
| Co                                                                                                                                                                                                                           | rporate Pate                                                      |                               | _                                                 |                                   |                        |           |  |
| Philips Electronics North America Corporation  Daniel J. Piotro  NAME                                                                                                                                                        |                                                                   |                               |                                                   |                                   | wski                   |           |  |
|                                                                                                                                                                                                                              | D. Box 3001                                                       |                               |                                                   |                                   |                        |           |  |
| 1                                                                                                                                                                                                                            | iarcliff Manor,                                                   | ON NUMBER                     |                                                   |                                   |                        |           |  |
| Silaidin Mariot, 11. 10010                                                                                                                                                                                                   |                                                                   |                               |                                                   |                                   |                        |           |  |

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Atty. Docket

JOHANNES W. HOFSTRAAT ET AL.

NL030734

Serial No.

Group Art Unit

Filed: CONCURRENTLY

Ex.

TITLE: SYSTEM COMPRISING ORGANIC OR METALLO-ORGANIC ENERGY AND/OR

CHARGE VARIABLE MOIETIES

Commissioner for Patents Alexandria, VA 22313-1450

| CERTIFICATE OF EXI                                                                                                                                           | RESS MAILING                                   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|
| Express Mail Label No. EV 664855120  Date of Deposit December 8, 200                                                                                         | BUS                                            |
| Date of Deposit December 8, 200                                                                                                                              | 5                                              |
| I hereby certify that this paper and/or fee is being de "Express Mail Post Office to Addressee" service un and is addressed to the Commissioner for Patents, | der 37 C.F.R. 1.10 on the date indicated above |
| Natale A. Manzo  Typed Name  Signature                                                                                                                       | De' De Maryo                                   |